

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	181/155,156,198,199,148,154.ccls. and emit\$4 near20 (low adj2 frequency) near20 (high adj frequency) near2 ((mid middle) adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/03/13 10:26
L2	13	181/155,156,198,199,148,154.ccls. and (low adj frequency) near20 (high adj frequency) near20 ((mid middle) adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/03/13 10:26
L3	30	381/345,346,351-353,160,349,350,333,336.ccls. and (low adj frequency) near20 (high adj frequency) near20 ((mid middle) adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/03/13 10:30
L4	2773	(381/333-336,345,346,160,349-353).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/03/13 10:52
S1	8	tsutsumi.in. and \$4speaker and partition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 17:08
S2	224	(381/335).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/16 18:47
S3	202	(381/351,352).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/16 18:52
S4	977	(381/345).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/08 15:55
S5	357	(381/333,336).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/16 18:39
S6	18	S2 and (partition same \$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/16 18:44

S7	25	S3 and (partition same \$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/08 15:55
S8	47	S4 and (partition same \$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/16 18:41
S9	17	S5 and (partition same \$4speak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/16 18:40
S10	6	381/333-352.ccls. and (partition wall) same (right near2 angle) same \$4speak\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/08 15:58
S11	15	381/333-352.ccls. and (partition wall) same (right near2 angle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/08 15:58
S12	358	(381/333,336).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/08 16:16
S13	4	("2798122").URPN.	USPAT	OR	OFF	2006/12/08 16:25
S14	6	("2866514").URPN.	USPAT	OR	OFF	2006/12/08 16:30
S15	8	tsutsumi.in. and \$4speaker and partition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/08 16:38
S16	1	S15 and middle and high and divi\$3 and partition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/08 16:38
S17	8	tsutsumi.in. and \$4speaker and partition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/02/21 11:00
S18	1	S17 and trapezoid and diaphragm and tilt \$2 and angle and "80" and "15"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/26 14:54

S19	8	tsutsumi.in. and \$4speaker and partition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/26 14:55
S20	1	S19 and trapezoid and diaphragm and wood and surfaces and lacquer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/01/26 14:55
S21	1	tsutsumi.in. and \$4speaker and partition and (low same middle same frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 16:14
S22	1	tsutsumi.in. and \$4speaker and partition and (low same middle same high same frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 16:24
S23	0	"381"/\$.cccls. and ((first upper) adj3 (compartment section chamber) adj3 (mid \$3 with high with frequenc\$3)) same ((second lower) adj2 (compartment section chamber) adj2 (mid\$3 with low with frequenc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 17:21
S24	1	("2866514").PN.	USPAT	OR	OFF	2008/02/06 16:53
S25	7	("2866514").URPN.	USPAT	OR	OFF	2008/02/06 16:53
S26	3	tsutsumi.in. and \$4speaker and partition and baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 17:09
S27	0	"381"/\$.cccls. and (partition wall) with (right adj2 angle) with (center near2 \$4spak\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 17:22
S28	0	"381"/\$.cccls. and (partition wall) with (center near2 \$4spak\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 17:22
S29	1015	(381/345).CCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/06 17:22
S30	608	(381/160,349,350).CCL.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:30

S32	70	381/333-336,345,160,349-352.ccls. and (partition wall) same \$4speaker same (ports ducts)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:33
S33	21	381/333-336,345,160,349-352.ccls. and \$4speaker same ((regions chambers sections) with (ports ducts))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/11 10:41
S34	1227	(181/148,154-156).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/20 15:38
S35	10	("5010977").URPN.	USPAT	OR	OFF	2008/02/21 10:35
S36	0	("(partition\$3near2wall)near20\$4speak\$2near20(rightadjangle)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/21 10:42
S37	1	(partition\$3 near2 wall) near20 \$4speak\$2 near20 (right adj angle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/21 10:42
S38	0	(partition\$3 near2 wall) near20 \$4speak\$2 near20 ("90" adj2 degree\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/21 10:46
S39	2	(partition\$3) near20 \$4speak\$2 near20 (right adj angle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/21 10:46
S40	10	("5010977").URPN.	USPAT	OR	OFF	2008/02/28 11:34
S41	1017	(381/345).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 12:31
S42	392	(381/333,336).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 14:07
S43	1	chatani.in. and speaker and duct	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 15:06

S44	2	381/333-336,345,160,349-352.ccls. and \$4speaker near10 mount\$3 near10 center near10 baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 15:26
S45	11	"381"/\$.ccls. and \$4speaker near10 mount \$3 near10 center near10 baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 15:29
S46	12	"181"/\$.ccls. and \$4speaker near10 mount \$3 near10 center near10 baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 15:30
S47	45	"381"/\$.ccls. and \$4speaker near10 center near10 baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 15:32
S48	24	381/333-336,345,160,349-352.ccls. and center near3 baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/28 15:53
S49	141	(381/353).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/03/11 17:30
S51	1622	(181/155,156,198,199).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/03/11 17:32

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